

1-22-05



United States Environmental Protection Agency

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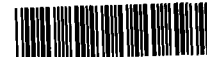
All POLREPs for this site

Mahoningside Power Plant

Printer Friendly

**Warren, OH - EPA Region V
POLREP #1 - Initial - Phase 2**

EPA Region 5 Records Ctr.



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On-Scene Coordinator - Mark Durno**Time-Critical - Removal Action****Pollution Report (POLREP)****Start Date: 1/22/2005****Site Description****SITE DESCRIPTION:**

The Mahoningside Power Plant Superfund Site is located in a mixed commercial, industrial and residential area in Warren, Ohio. The property is located at 650 Summit Street, Warren, Trumbull County, Ohio, 44483. The Site consists of an open abandoned basement of a former power plant building, small service buildings, and debris piles. The basement structure contains numerous under-floor sumps, piping, and conduits, some of which are connected to the Mahoning River. The building foundation encompasses approximately 34,000 square feet. The property totals approximately 6 acres. The property is bordered by the Mahoning River to the east, railroad tracks to the north, light industrial properties to the south, and a residential area to the west. Summit Street parallels the facility to the south and Tod Avenue parallels the facility to the west.

SITE HISTORY:

The facility was built in 1904 by the Warren Water and Light Company as a hydro-electric power generating plant. From 1950 until 1980 the facility was owned by the Ohio Edison Company and primarily used as a coal burning power plant until 1968. In August 1977, the property was leased by Ohio Edison to Summit-Warren, where the property was used to operate a salvage business. At that time, the business was owned and/or operated by Harold Glunt and John Petrilla. In December 1980, the property was sold to Nestor Stychno and William Marsteller. In 1999, a bankruptcy agreement between the former property owners and the City of Warren was established to turn the property over to the city.

In February 1999, City of Warren contractors, Inner-scope Technologies and McCabe Engineering, mobilized to begin demolition and general construction activities at the Mahoningside Power Plant Site. On March 17, 1999, 250-foot high smokestacks were imploded by explosives. General demolition activities continued until November 1999.

In November 1999, Warren consulted with Ohio EPA and U.S. EPA regarding regulatory compliance should heavy metal contamination be discovered during the removal of basement debris. From December 1999, through early March 2000, debris removal from the basement progressed. All PCB contamination that was discovered at this time was below the TSCA regulatory level of 50 parts per million (ppm) for industrial facilities. In March 2000, PCB contamination, exceeding 50 ppm, was discovered in the basement of the former facility. Approximately 100 cubic yards of PCB-contaminated debris was contained on-site.

From March 2000 through June 2000, the City of Warren authorized response actions to control and contain contamination. In mid-June 2002, the City of Warren ran out of funding to complete the PCB clean-up and remainder of demolition activity. The City of Warren's contractor, McCabe Engineering, continued basement dewatering and treatment actions on a good-faith basis.

On July 21, 2000, the City of Warren requested U.S. EPA assistance to complete the removal and disposal of hazardous materials at the Site and to take over the de-watering operation. On August 4, 2000, U.S. EPA initiated an emergency removal action to continue the de-watering activities on Site.

From October 10, 2000 until late-February 2001, U.S. EPA conducted a time-critical removal at the site. U.S. and its contractors removed high-level PCB contamination from the basement and sub-structure of the former plant and disposed of PCB contaminated debris which was previously contained. Approximately 1,770 tons contaminated materials were removed from the site and disposed of at CWM-Chemical Services LLC Landfill in Model City, New York.

In March 2001, U.S. EPA referred the Site to Ohio EPA for further assessment. In July 2001, Ohio EPA conducted an assessment of the Site which included multi-media sampling. Sampling results indicated that a portion of debris pile exhibited PCB concentrations as high as 159 mg/kg (ppm), exceeding the regulatory limit of 50 ppm.

In June and July of 2002, the City of Warren's contractor, McCabe Engineering, collected grid-based composite samples from the piles at various depth intervals. The results of this characterization indicated that elevated PCB's were present in all three debris piles. Also, the characterization showed that two of the three piles had contamination in excess of 50 ppm in some locations.

On January 24, 2003, the City of Warren again requested U.S. EPA's assistance to dispose of PCB contaminated debris from the Site. The City of Warren has offered to provide a number of in-kind services to support the project.

Current Activities

CURRENT SITUATION:

On February 21, 2005, U.S. EPA and response contractors mobilized to the Mahoning side site to begin fund removal activities. The Emergency Rapid Response Services (ERRS) contractor is Environmental Quality Management, Inc., Cincinnati, OH. The Superfund Technical Assessment and Response Team contractor is Solutions, Inc., Middleburg Heights, OH. As of February 25, 2005, approximately 270 tons of low-level PCB material containing regulated levels of asbestos were shipped off-site for landfill disposal.

SITE ACTIVITIES TO DATE:

In January, 2005, U.S. EPA, ERRS, and START conducted site walkthroughs to support development of site plans, monitoring plans, health and safety plans, and disposal coordination. Samples were collected and analyzed for disposal profiling purposes.

On February 21, 2005, equipment and personnel were mobilized to the site. Site plans were reviewed and finalized. Support services were also procured (sanitary, mobile office, refuse, etc.). Site security for off-hour work was established.

On February 22, 2005, site disposal coordination continued. Site work/control zones were identified. Stone and slag were mobilized to stabilize support zone and loading zone areas.

On February 23, 2005, heavy equipment was mobilized to the site. Site control zones were established. Stone and slag deliveries continued.

On February 24, 2005, transportation and disposal of waste was initiated. Approximately 70 tons of low-level (<50 parts-per-million) materials that contained regulated levels of asbestos (>1%) were loaded and transported to Minerva Enterprises, Inc., Minerva, OH for landfill disposal. Stone and slag deliveries continued.

On February 25, 2005, Approximately 200 tons of low-level PCB materials that contained regulated levels of asbestos were loaded and transported to Minerva Enterprises, Inc., for landfill disposal. Site security services were established for 24-hour monitoring over the weekend.

Planned Removal Actions

- Segregate known areas of high-level PCB contaminated materials.
- Characterize remaining materials for PCB and asbestos content.
- Initiate T&D of high-level PCB contaminated material.
- Characterize large debris removed from the debris piles.
- Conducted verification clearance sampling from work areas.

Next Steps

- Continue transportation and disposal (T&D) of low-level PCB materials containing regulated levels of asbestos.

Key Issues

- None.

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